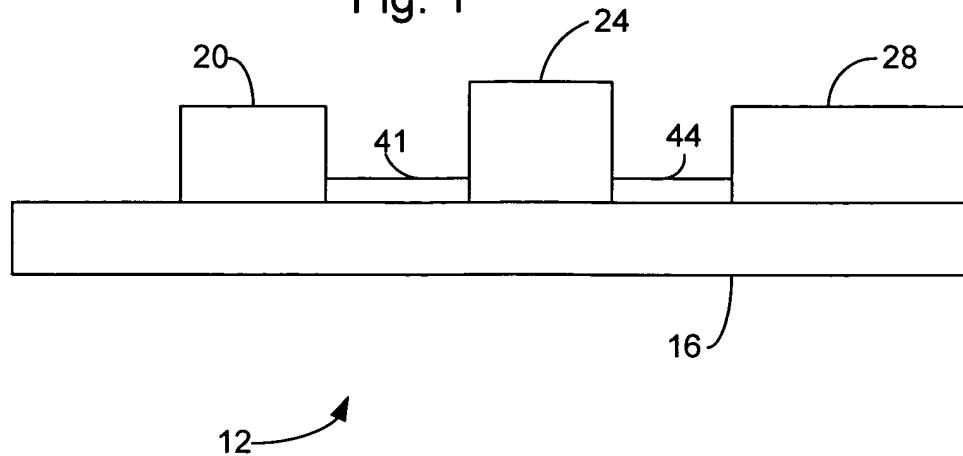
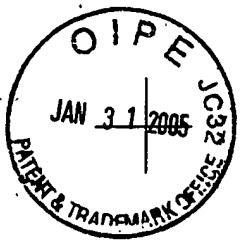




Title: TUNABLE LOW NOISE AMPLIFIER  
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Application No.: 10/075,727 Date Filed: February 12, 2002  
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Fig. 1





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## Single Band Power Amplifier Matching Circuit

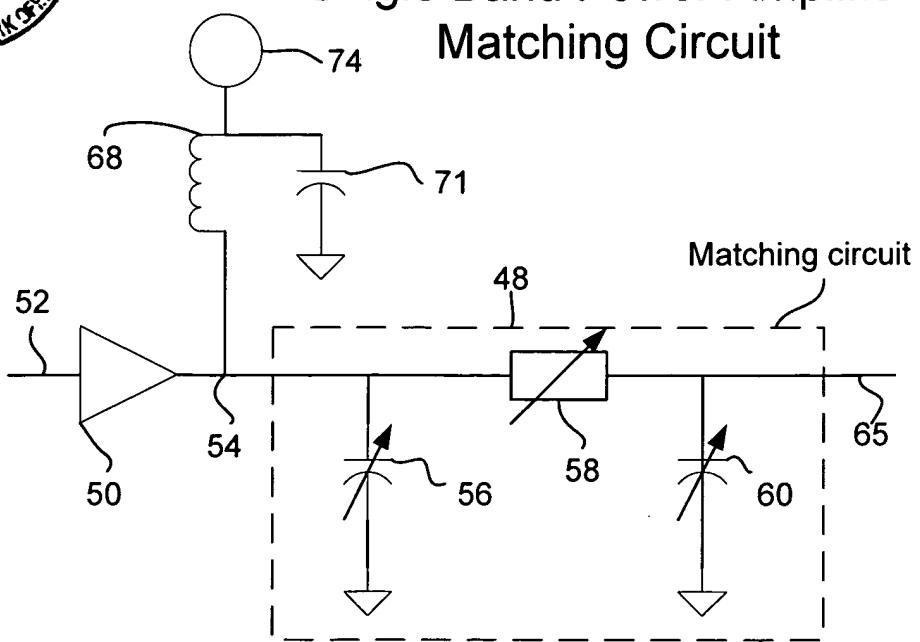


Fig. 2



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## Single Band Power Amplifier Matching Circuit

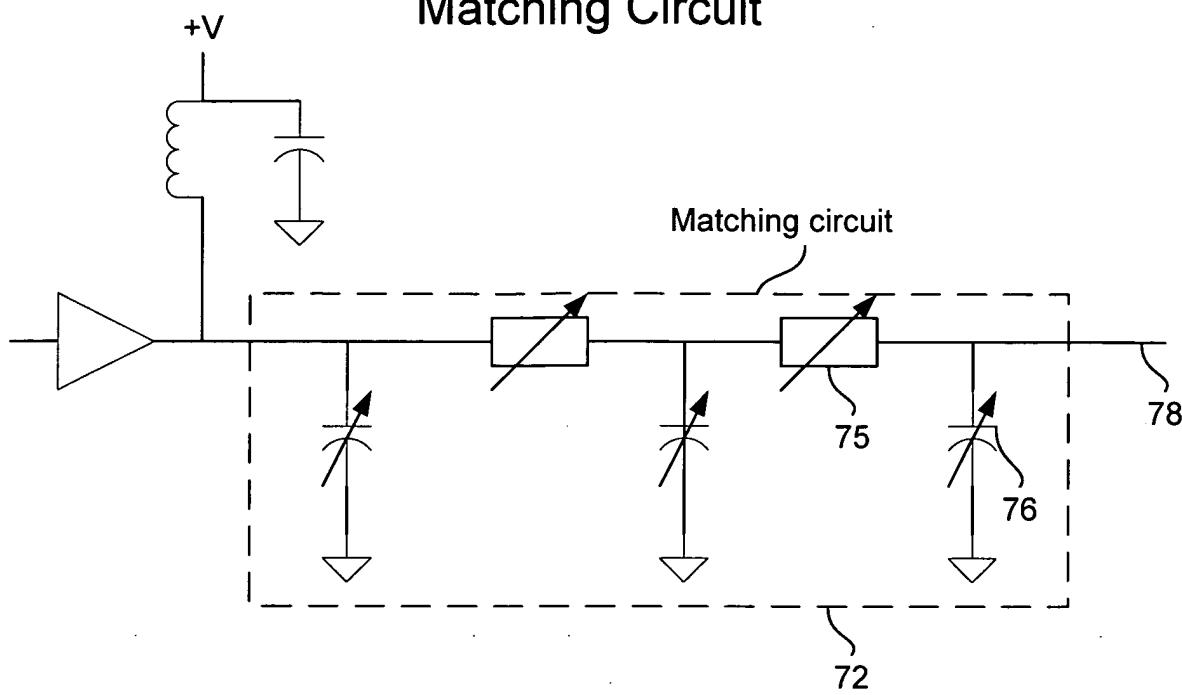
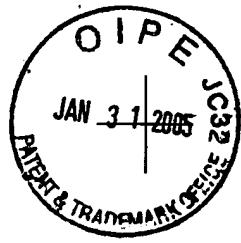


Fig. 3



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## Multiband Power Amplifier Matching Circuit

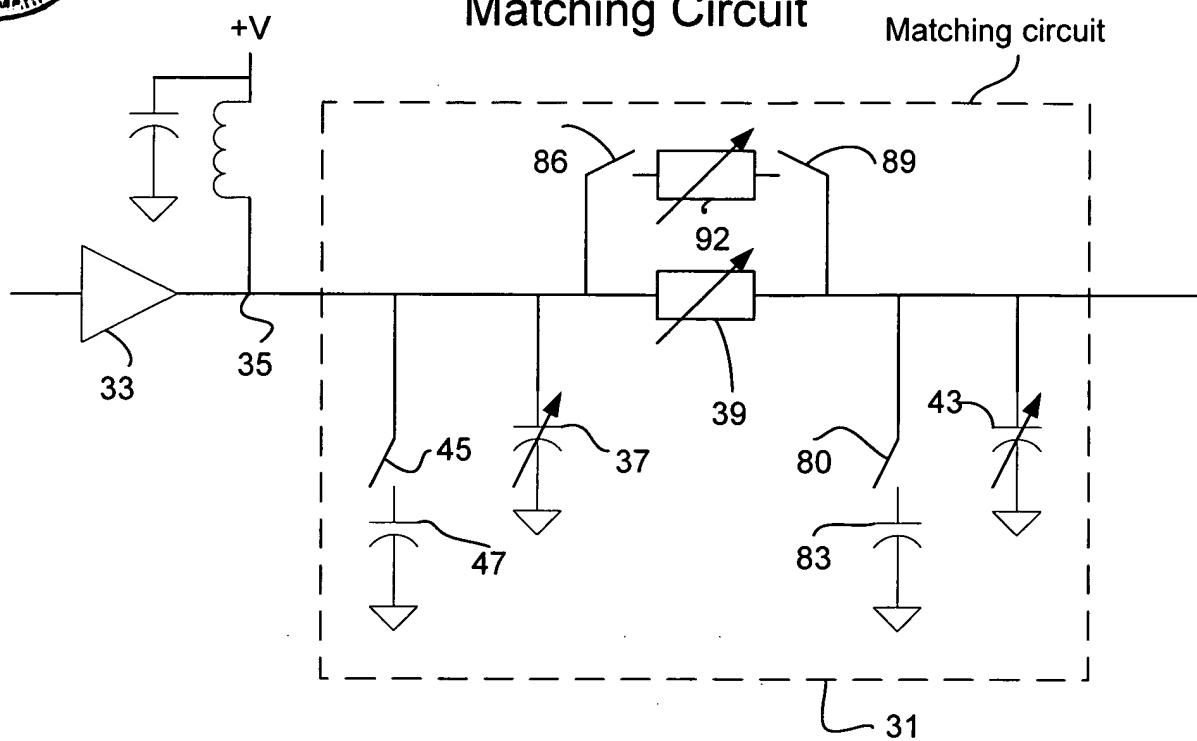
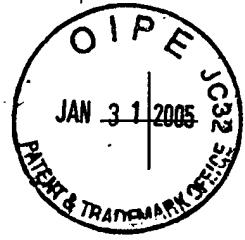
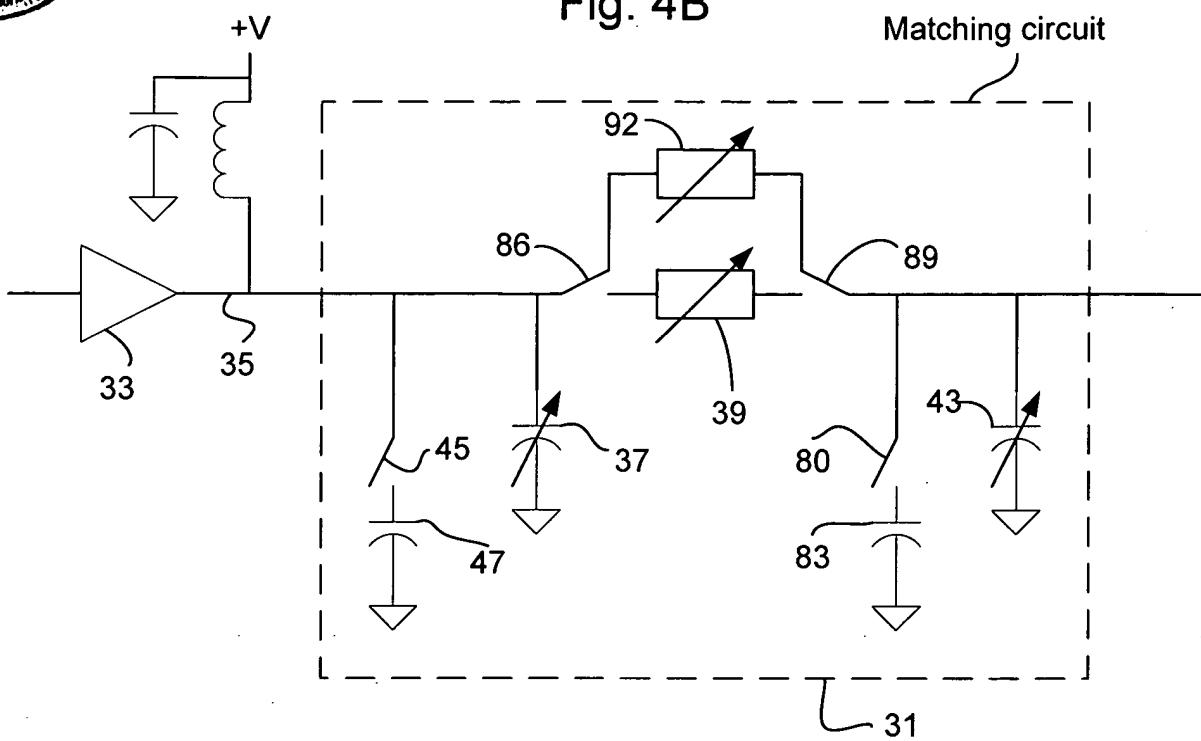


Fig. 4A



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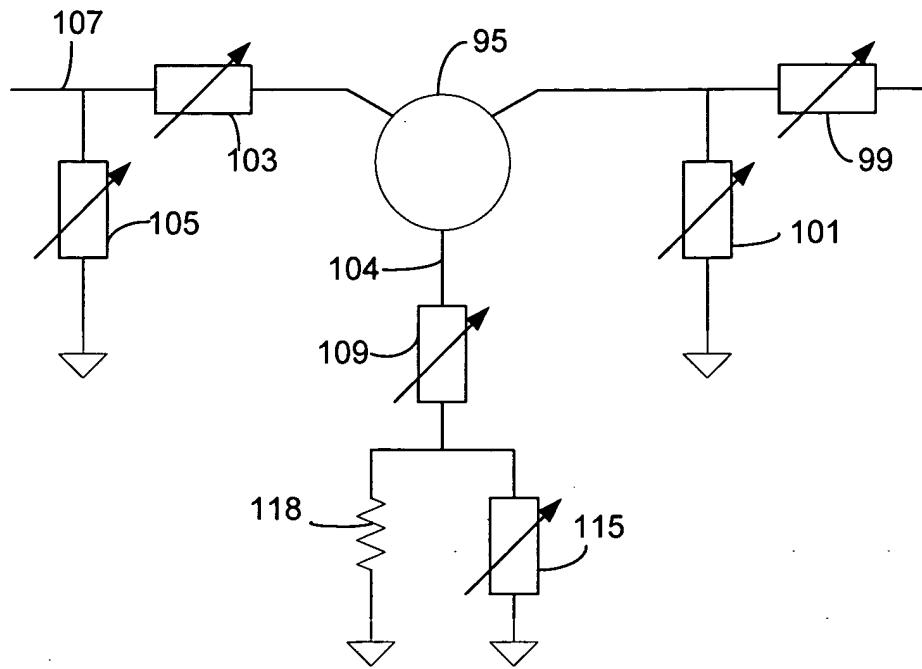
Fig. 4B





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Fig. 5

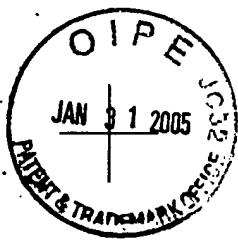


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## LNA Matching Circuit

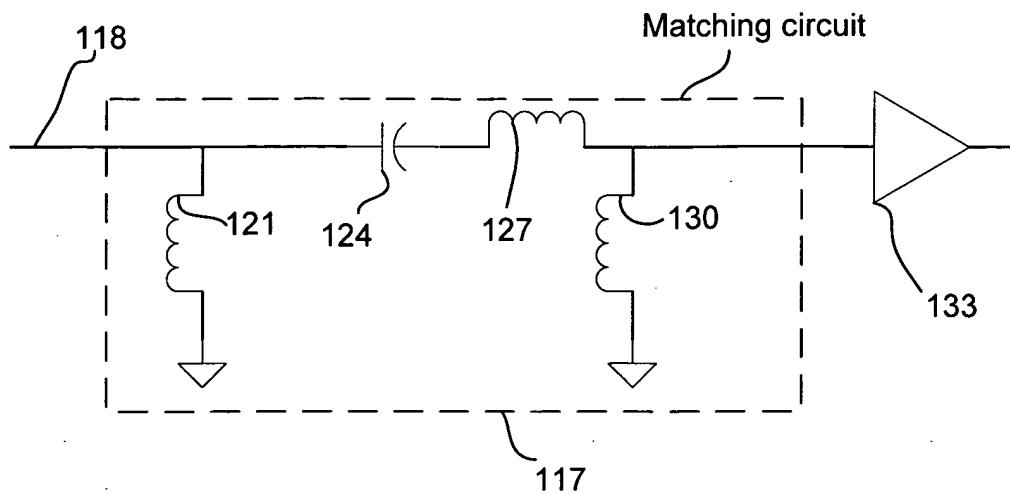
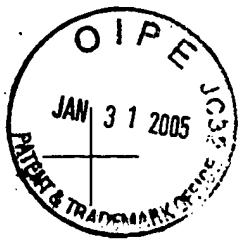


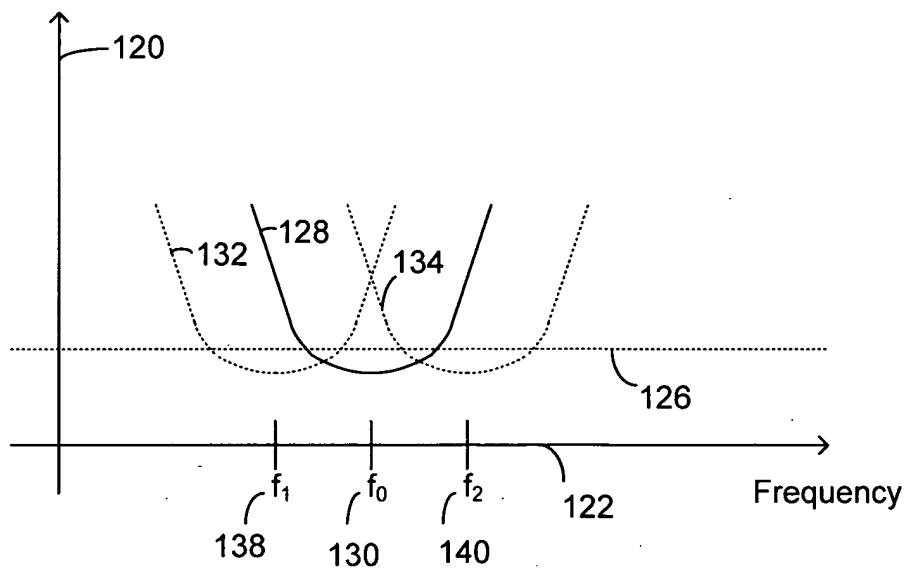
Fig. 6A

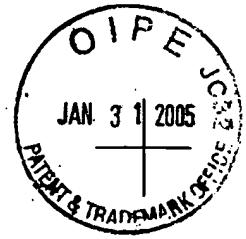


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Fig. 6B

Noise Figure





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## Antenna Matching Circuit

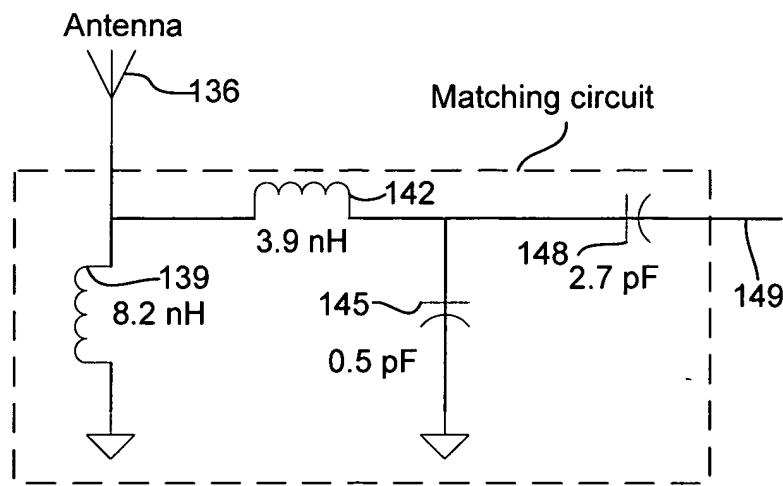
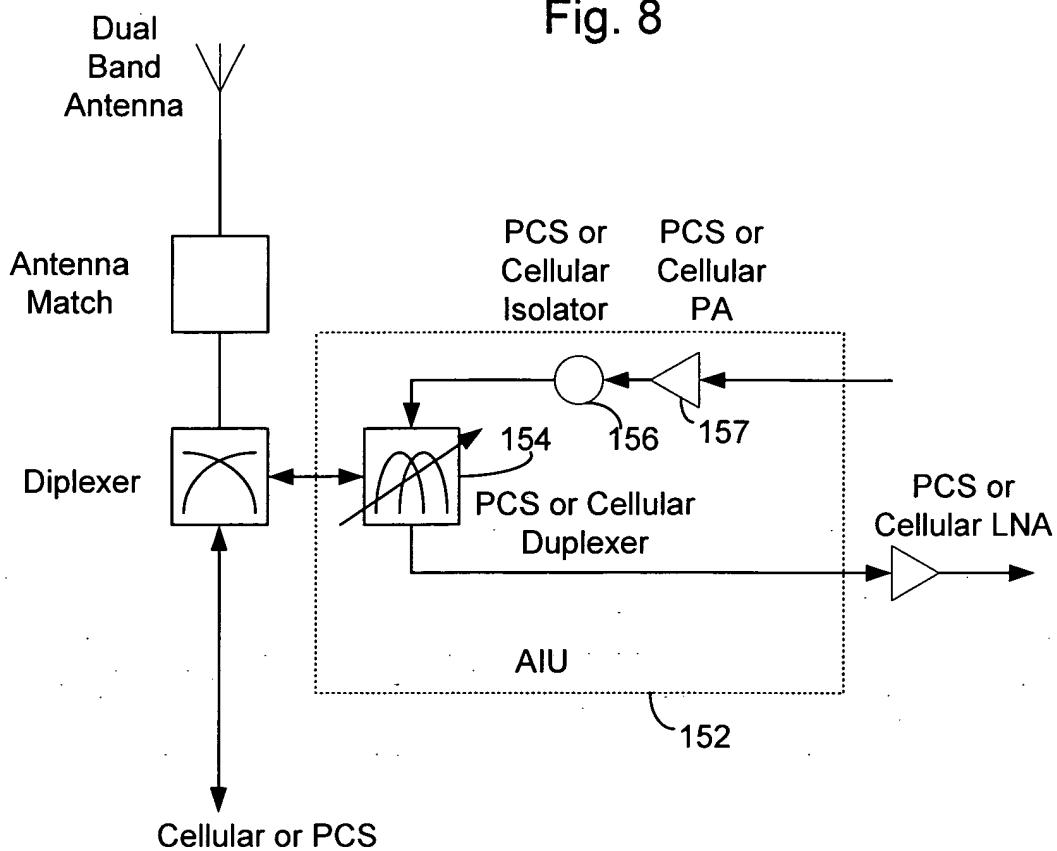


Fig. 7



Fig. 8



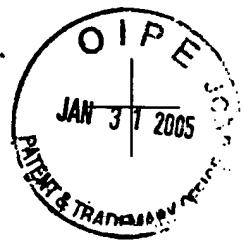


Fig. 9

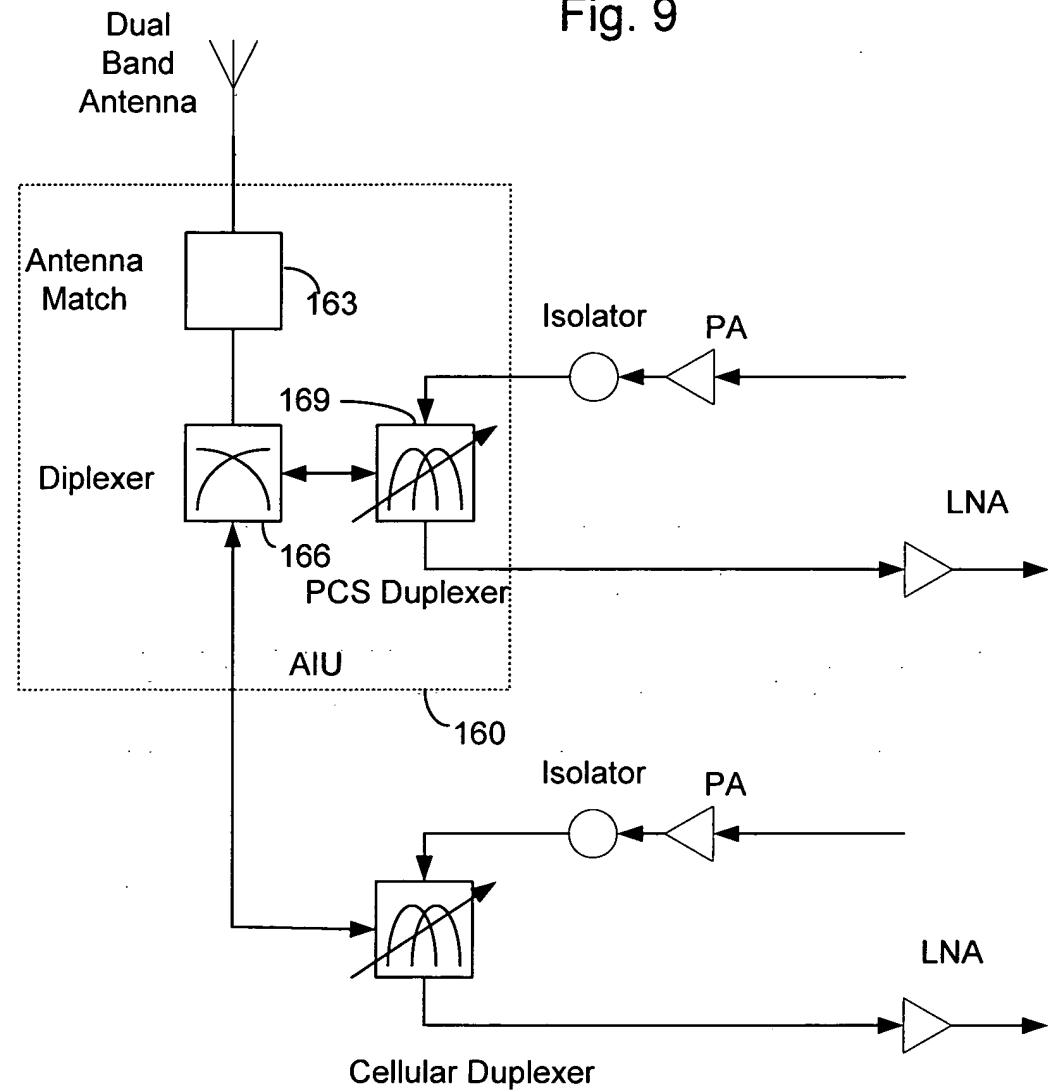




Fig. 10

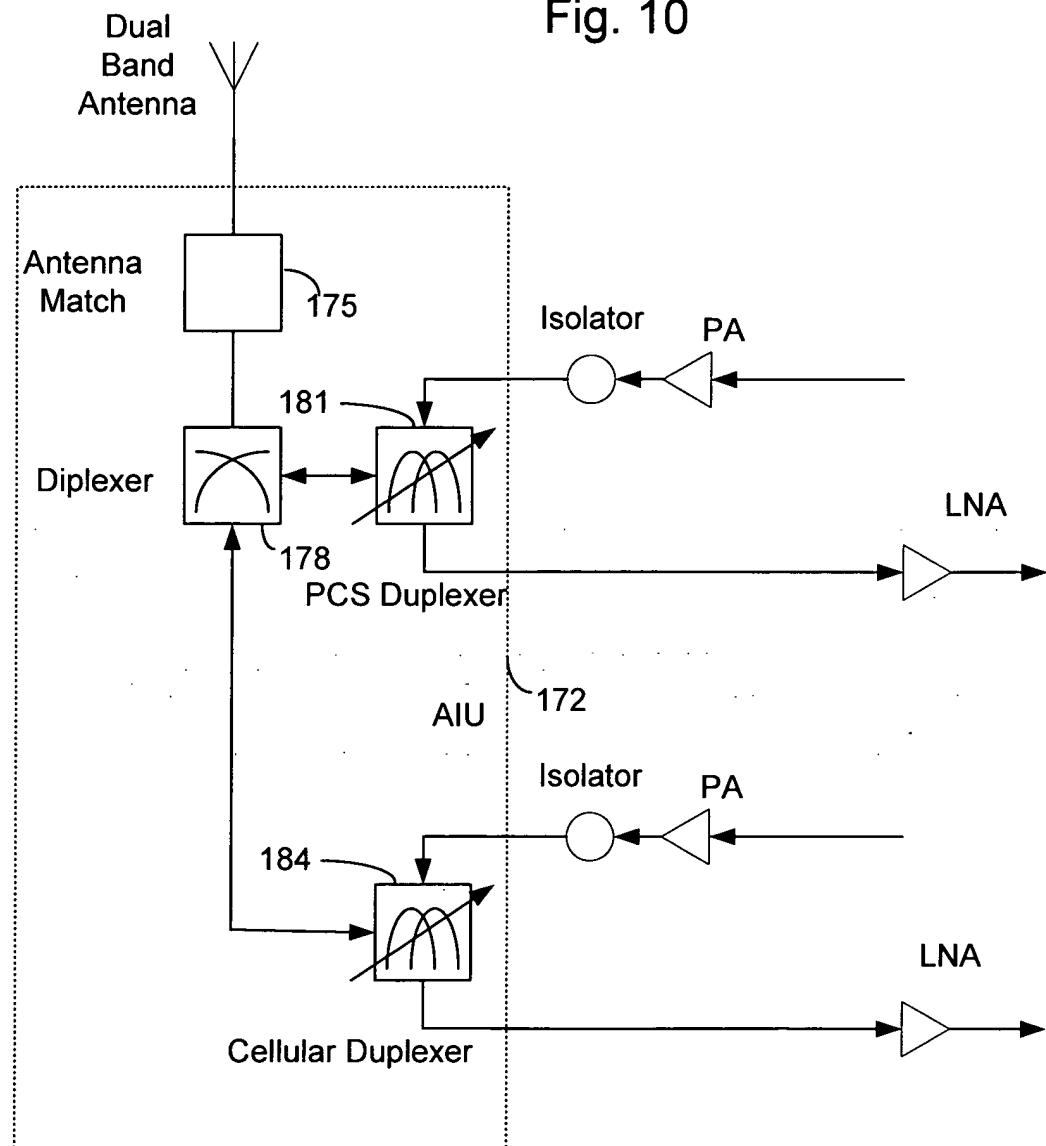




Fig. 11

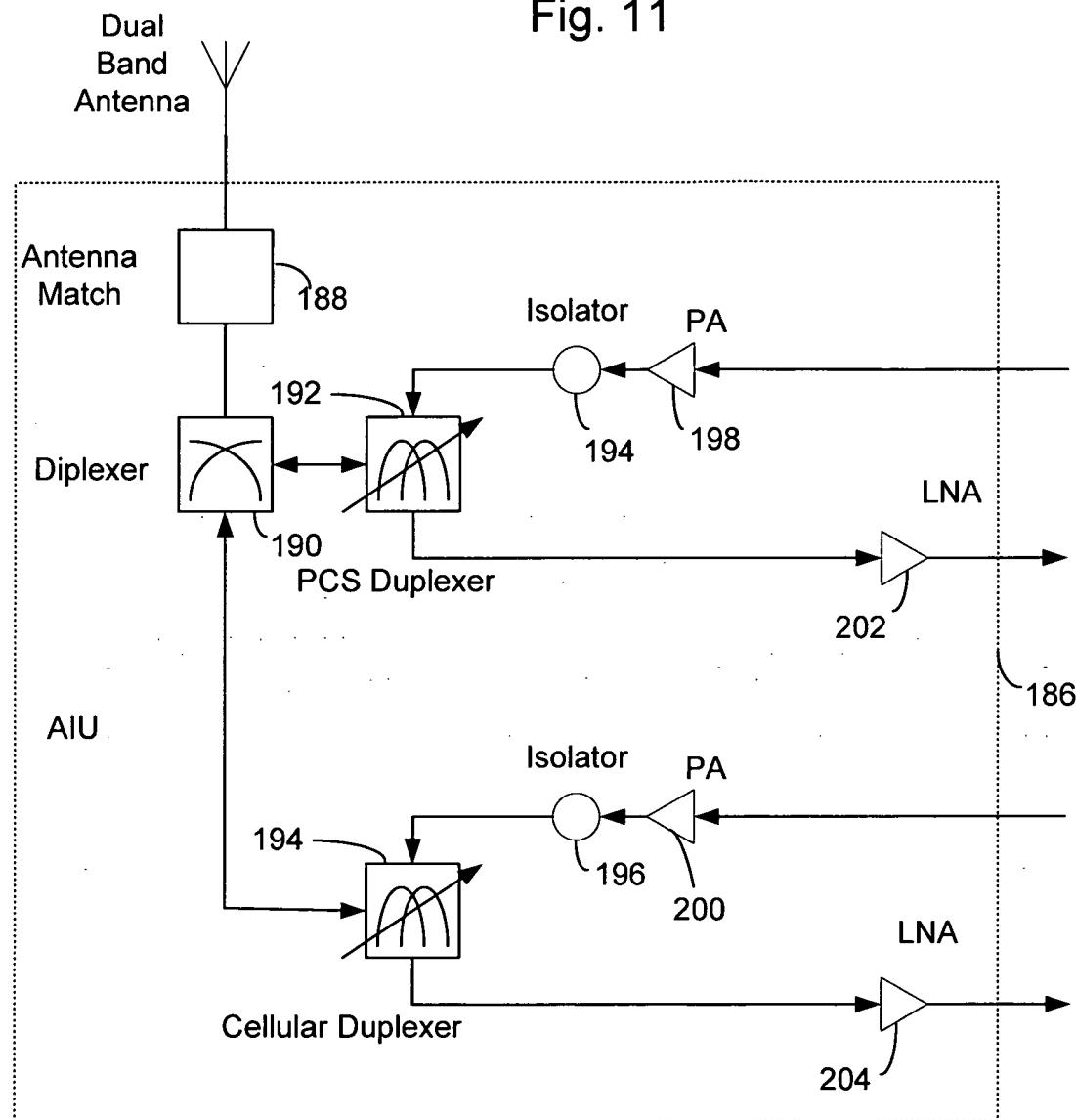




Fig. 12

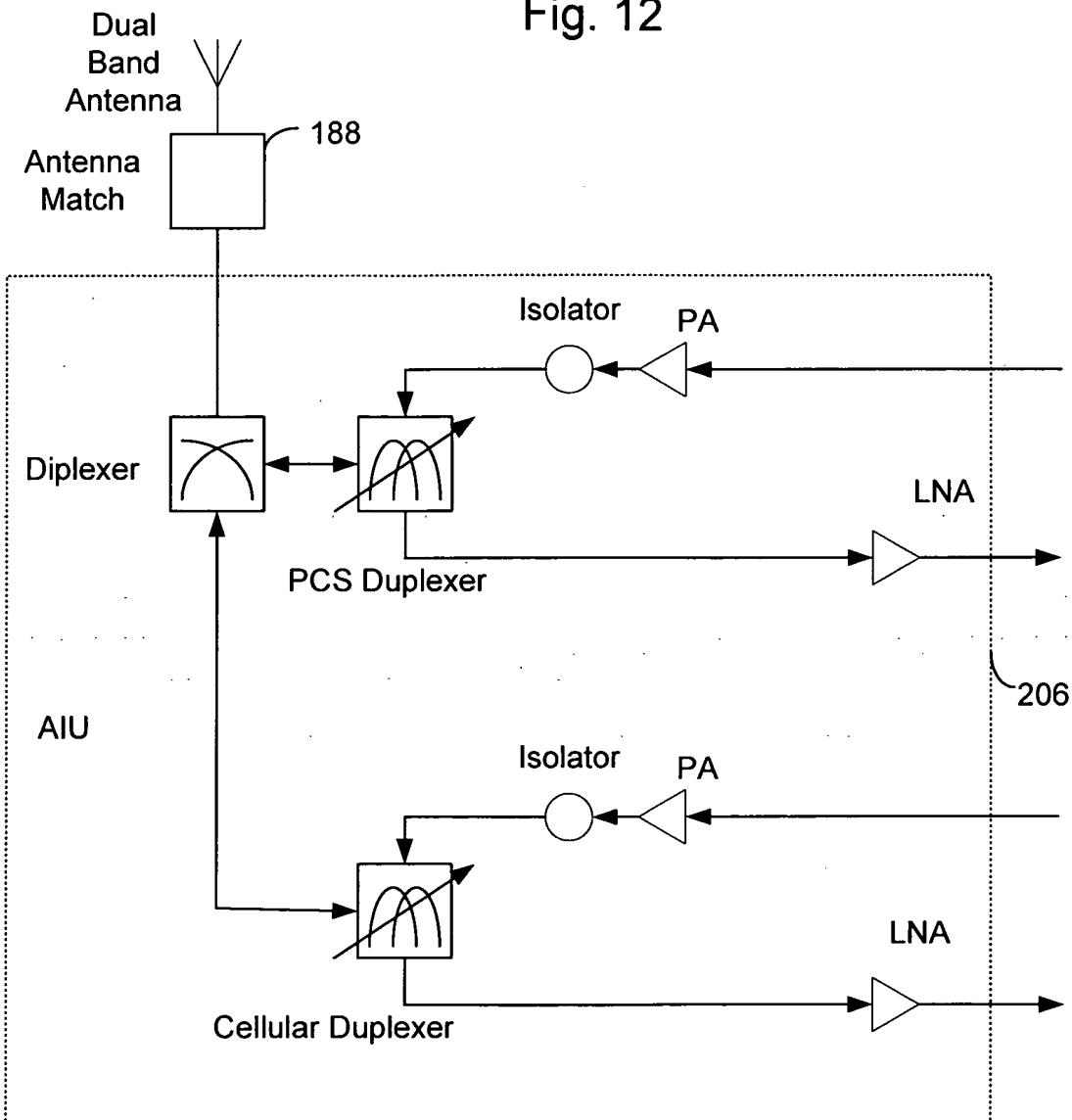




Fig. 13

